



War in the Pacific National Historical Park

We are at War Lesson Plan

Math

Created By: Neil Pendon
School: Oceanview Middle School
Grade Level: 6,7,8
Content Area: Decimals
Timeline/Length: 10 minutes

Key Concepts:

- Decimals

Vocabulary:

- Decimal Place
- Division

GPSS Content Standards/Performance Indicators:

- Understand numbers, ways of representing numbers, relationships among numbers, and number systems

Lesson Overview:

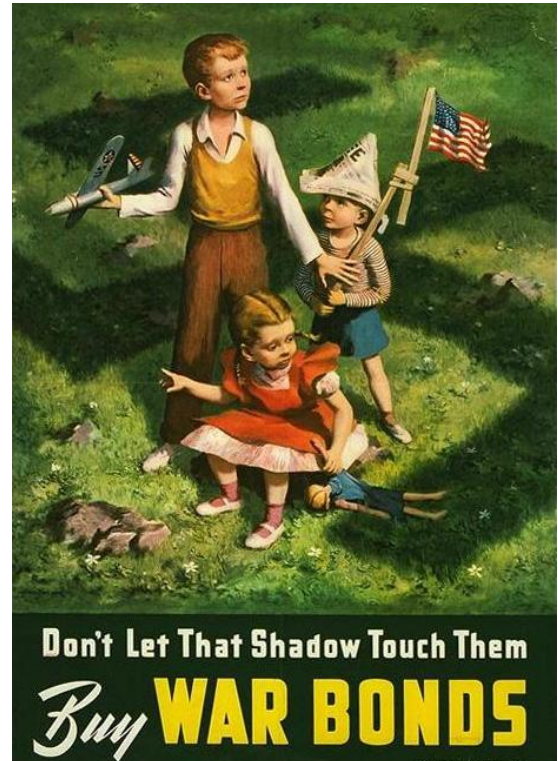
- This lesson is first to have the students research and learn about Guam history.
- Using data collected from their research to solve mathematical problems.

Lesson Objectives:

- Students will learn about the history of Guam.
- Solve a decimal problem using collected data.

Textbooks/Materials/Resources:

- "We are at war" display
- "We are at war" -Work Sheet
- Writing Utensil
- T. Stell Newman Visitors Center



Procedures:**Describe:**

1. At the visitors center hand out the We are at War worksheets.
2. Tell students that the information to solve the worksheet is within the display.
3. Allow time for them to research the unknown variables.
4. After the information found allow time for them to solve the questions.
5. Collect all worksheets

Assessment/Evaluation

- Students will have 70% passing score

Wrap-Up/Closing Activity

- Review all the correct information that was gathered.
- Ask questions about the display.
- Ask about the procedures they used to obtain the mathematical answers.

We are at War

FIND THE MISSING DATA.

X: Chief Lane made his way outside to an automobile where he blew several long bursts on the horn at what time?

Y: What year did – Resulted in the death of a small but significant group of Guamaian and American service men?

Z: Colt _z_ 0.45 caliber pistol

USE THE DATA COLLECT TO SOLVE THE FOLLOWING: (ROUND TO THE HUNDREDTHS PLACE)

1. $\frac{X+Y}{Z}$

2. $\frac{Y-X}{Z}$

3. $\frac{Z}{Y}$

4. $\frac{Z}{X}$

5. $\frac{Y-X+Z}{Z}$

We are at War(ANSWERS)

FIND THE MISSING DATA.

X: Chief Lane made his way outside to an automobile where he blew several long bursts on the horn at what time? 0545

Y: What year did – Resulted in the death of a small but significant group of Guamaian and American service men? 1941

Z: Colt 1911 0.45 caliber pistol

USE THE DATA COLLECT TO SOLVE THE FOLLOWING: (ROUND TO THE HUNDREDTHS PLACE)

6. $\frac{X+Y}{Z}$ ANSWER: 1.30

7. $\frac{Y-X}{Z}$ ANSWER: 0.73

8. $\frac{Z}{Y}$ ANSWER: 0.98

9. $\frac{Z}{X}$ ANSWER: 3.51

10. $\frac{Y-X+Z}{Z}$ ANSWER: 1.73